

B2
cont'd

reference. The present invention uses a wheel speed and direction sensor 20 which is mounted in the end of an axle 22 of a wheel mounting apparatus 24 of the trailer 26 as described herein.

IN THE CLAIMS:

Please amend the claims as follows:

- Sub
C2
11. (Twice Amended) A braking and back-up warning system for a vehicle having at least one wheel, said system comprising:
- a brake mechanism;
 - a pneumatic control module connected to said brake mechanism;
 - at least one of structure for sounding an audible alarm and for lighting a lamp;
 - an electronic control module connected to said pneumatic control module and to said at least one of structure for sounding an audible alarm and for lighting said lamp;
 - a voltage source connected to said electronic control module; and
 - a circuit which includes at least one sensor configured to sense movement of the wheel, said circuit configured to provide at least one signal to said electronic control module relating to the speed of the wheel which is sensed by said circuit and provide at least one signal to said electronic control module relating to the direction of the wheel which is sensed by said circuit, said electronic control module configured to selectively connect said voltage source to at least one of said structure for sounding an audible alarm and for lighting said lamp, depending on the at least one signal which is received from said circuit relating to the direction of the wheel which is sensed by said circuit.
- B3

24
14.

(Once Amended)

23

A system as defined in claim 13, said electronic control module

further comprising a controller which is configured to receive said at least one signal from said wheel sensing arrangement relating to the speed and direction of the wheel which is sensed by said circuit.

12
34.

(Once Amended)

1

A system as defined in claim 1, wherein wheel sensing

arrangement comprises an exciting element and a sensor member, said sensor member having at least one sensing element mounted thereon for use in determining the speed of rotation of the wheel and for determining the direction of rotation of the wheel by sensing said exciting element.

Please add new claim 44 as follows:

27
44.

(New) A system as defined in claim 11, wherein said voltage source is 12 volts

provided by a J560 connector.

REMARKS

Applicant, by the amendments presented above, has made a concerted effort to present claims which clearly define over the prior art of record, and thus to place this case in condition for allowance.

Currently, claims 1-15 and 33-44 are pending. Claim 44 is newly-presented herein.